



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE BG0000500

SITENAME Voynitsa

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
B	BG0000500

1.3 Site name

Voynitsa

1.4 First Compilation date	1.5 Update date
2005-07	2018-12

1.6 Respondent:

Name / Organisation:	Ministry of Environment and Water, "National Nature Protection Service" Directorate
Address:	Sofia Kn. Maria Luiza Blvd. 22 1000 Sofia
Email:	natura2000@moew.government.bg

1.7 Site indication and designation / classification dates

Date site classified as SPA:	0000-00
National legal reference of SPA designation	No data
Date site proposed as SCI:	2007-03
Date site confirmed as SCI:	2008-12

Date site designated as SAC:	No data
National legal reference of SAC designation:	No data
Explanation(s):	Adopted by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007). Extended by Council of Ministers Decision No. 811/16.11.2010 (promulgated SG 96/2010).

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2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude

22.6792

Latitude

43.9154

2.2 Area [ha]:

3107.13809

2.3 Marine area [%]

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

BG31

Северозападен / Severozapaden

2.6 Biogeographical Region(s)

Continental (100.0
%)

3. ECOLOGICAL INFORMATION

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3.1 Habitat types present on the site and assessment for them

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
6110 B			0.16		M	A	C	A	B
6210 B			43.73		M	A	C	A	B
6430 B			142.49		M	A	C	A	B
6510 B			66.8		G	A	C	A	B
9150 B			23.1171			D			
91E0 B			6.06		M	C	C	B	B
91G0 B			228.98		M	B	C	C	C
91H0 B			26.98		M	B	C	A	B
91I0 B			126.69		M	B	C	B	B
91M0 B			587.28		M	B	C	C	B
91Z0 B			158.84		M	B	C	B	B

PF: for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in

the column PF to indicate the priority form.

NP: in case that a habitat type no longer exists in the site enter: x (optional)

Cover: decimal values can be entered

Caves: for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.

Data quality: G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species					Population in the site						Site assessment			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
F	1138	Barbus meridionalis			p	13942	13942	i	C	G	C	A	C	A
A	1188	Bombina bombina			p			localities	P	DD	C	B	C	B
A	1193	Bombina variegata			p	1	1	localities	V	P	C	A	C	A
I	1088	Cerambyx cerdo			p	17033	25132	i	R	M	C	B	C	B
I	4032	Dioszeghyana schmidtii			p	606	854	i	V	P	C	B	B	B
R	5194	Elaphe sauromates			p			localities	P	DD	C	C	C	C
R	1220	Emys orbicularis			p	2	2	localities	V	P	C	B	C	B
I	1083	Lucanus cervus			p	17812	35040	i	R	M	C	B	C	B
M	1355	Lutra lutra			p	1	2	i		G	C	A	C	B
M	2609	Mesocricetus newtoni			p				P	DD	D			
M	1310	Miniopterus schreibersii			p				P	DD	D			
I	1089	Morimus funereus			p	113959	132368	i	R	M	C	B	C	B
M	1323	Myotis bechsteinii			p	6	10	i	V	M	D			
M	1307	Myotis blythii			p	11	50	i	P		C	B	C	C
M	1316	Myotis capaccinii			p				V	DD	D			
M	1321	Myotis emarginatus			p				P	DD	D			
M	1324	Myotis myotis			p	11	50	i	P	M	C	B	C	C
M	1306	Rhinolophus blasii			p				P	DD	D			
M	1305	Rhinolophus euryale			p				P	DD	D			
M	1304	Rhinolophus ferrumequinum			p	11	50	i	P	M	C	B	C	C
M	1302	Rhinolophus mehelyi			p	11	50	i	P	M	C	C	B	C
F	5339	Rhodeus amarus			p	750	750	i	V	G	D			
I	1087	Rosalia alpina			p				R	DD	C	B	C	B

P		Glechoma hederacea						C							X
F		Gobio gobio						C							X
P		Heleborus odorus						C							X
P		Hepatica nobilis						R							X
A		Hyla arborea						P						X	
R		Lacerta viridis						P						X	
P		Lamium album						C							X
F		Leuciscus cephalus						R							X
P		Mercurialis ovata						C							X
R		Natrix tessellata						P						X	
A		Pelobates fuscus						P						X	
R		Podarcis muralis						P						X	
R		Podarcis taurica						P						X	
P		Primula veris						V							X
P		Primula vulgaris						C				X			
A		Rana dalmatina						P						X	
P		Ruscus aculeatus						R							X
P		Ruscus hypoglossum						R							X
P		Sedum maximum						R							X
P		Vicia dumetorum						R				X			
R		Vipera ammodytes						P						X	

Group: A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles

CODE: for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name

S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Unit: i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))

Cat.: Abundance categories: C = common, R = rare, V = very rare, P = present

Motivation categories: IV, V: Annex Species (Habitats Directive), A: National Red List data; B: Endemics; C: International Conventions; D: other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N21	1.0
N06	2.0

N08	19.0
N16	52.0
N09	2.0
N07	1.0
N14	1.0
N12	4.0
N15	14.0
N10	1.0
N20	2.0
N23	1.0
Total Habitat Cover	100

Other Site Characteristics

River system with relatively permanent flowing waters with flooding character in heavy rains. There is no industrial pollution of the water flow, no dikes, shoots or other type of equipment. The arable lands are abandoned or underdeveloped due to the small number of population in the nearby settlements. The dominating permanent character of the running waters is determined by the fact that both rivers take their beginning from strongly afforested Balkan Mountain east of Vrashka chuka. Habitat 9150 - Typical habitat in the past for the water catchments of the rivers Chichilska and Voinishka but cut down for centuries and now it is fragmentally distributed mainly at north and northwest exposures with low altitude level, close to the riverbeds. Coverage of the trees canopy 70 - 90 %. Distributed on extremely steep (35 - 50 degrees) at places vertical towards Chichilska River slopes, on humus - carbonate soil. Main tree species - *Fagus sylvatica* ssp. *moesiaca*/70%/ , *Carpinus betulus*/5-10%/ , *Tilia cordata*/5-10%/ , *Qercus frainetto* / single species / , *Q. ceris*/single species/, *Tilia tomentosa* /5-10%/ , *Acer campestre*/5%/ , *Fraxinus ornus* / single species / , *Ulmus minor*/ single species / . The grass and shrubs species are again presented by *Hepatica nobilis*, *Lamium album*, *Polygonatum latifolium*, *Primula vulgaris* ssp. *sibthorpii* /30%/ , *Lathyrus vernum*, *Mercurialis ovata* /30%/ , *Clematis vitalba*, *Heleborus odoratus*, *Viola ododrata*, *Epipactis heleborine*, *Campanula rapunculus*, *Cornus mas*, *Alliaria petiolata*, *Euphorbia amygdaloides*/10%/ , *Aegopodium podagraria* /10%/ , *Melica* sp. *Lactuca muralis*. Habitat 9110x91M0 - Habitat distributed on the high plateau plains, north of Chichilska River on dry loess soil base. Main tree species - *Quercus ceris* /50%/ , *Q. frainetto*/ 40%/ , *Tilia grandiflora* /5%/ , *Acer campestre* /single species/, *Fraxinus ornus* /single species/, *Acer tataricum*. In the grass composition dominate *Geum urbanum*, *Lathyrus niger*, *Tanacetum corymbosum*, *Polygonatum latifolium*. *Hieracium* sp., *Ligustrum vulgare*, *Crataegus monogyna*, *Pirus* sp., *Campanula trachelium*, *Cotinus cogigria*. To this habitat could be included the Hungarian oak - Turkey oak massifs north of Vionitza village (massif situated between the villages Vionitza and Tzar Petrovo). The massif includes forestry units 124,125,126,114 - Hungarian oak 40 %, Turkey oak 40 %, silver lime, pedunculate oak, durnmast oak etc. The area of the massif is approximately 1.0 sq. km. The massif is situated between the following GPS coordinates - north /43.56.00.790 - 43.56.46.407/, east /22.41.23.418 - 22.42.59.501/. Habitat 91H0 - Habitat with restricted distribution in the water catchment of Voinishka River. Slightly influenced by human activities. Clearly expressed limestone base with bulging nuts on the grounds, humus - carbonate soils. Main tree species - *Quercus pubescens* /50%/ , *Carpinus orientalis* /30%/ , *Q. ceris* /single species/, *Q. frainetto* /single species/, *Fraxinus ornus*. From the shrubs and grass species the main ones include *Heleborus odoratus* /10%/ , *Glechoma hederacea* /5%/ , *Convallaria majalis*, *Primula veris* /20%/ , *Galium* sp., *Sedum maximum*, *Clematis vitalba* /5%/ , *Digitalis laevigata*, *Campanula bononiensis*, *Bupleurum praealtum*, *Chamaecytisus supinus* ssp. *velenovskii* /5%/ , *Tamus communis* /5%/ , *Arum maculatum*, *Lathyrus vernum*, *Hypericum perforatum*, *Euphorbia amygdaloides*, *Linaria* sp., *Vicia* sp., *Stachys germanica* /5%/ , *Ruscus aculeatus*, *Ruscus hypoglossum*, *Sedum maximum*, *Teucrium chamaedris*, , *Parietaria* sp. *Potentilla pilosa*, etc. The main shrubs level is presented by *Cotinus cogigria* /20%/ , *Viburnum lantana* /singly/ /20%/ , *Cornus sanguinea* /in groups/ /10%/ , *Crataegus edenichno*/ /5%/ etc. Other important habitats are Ponto-Pannonic riverbank dwarf sedge communities 22.351, Riverside willow lines 44.1, Stitchwort ash-alder woods 44.3211, Moesian beech forests 41.19

4.2 Quality and importance

The site is situated between the villages Voinitzi, Bukovetz, Chichil, Medeshevtzi along the valley of the Voinishka River in its middle flow before coming out on the Bregovo - Novoselska lowland. This section of the valley is relatively well preserved with no republican road network, at places with canyon like character and difficult to reach. The main 9110 habitat type is situated on the riverside zone on strongly loess grounds, mainly in the part of the site east of Voinitzi village. It is characterized with well preserved horizontal and vertical structure, difficult naturally renovation coppies origin. The age of the forests is around 40 - 50 years and they were intensively used in the past.

Habitat 91H0 is situated mainly at the lower part of the site along the right riversides and in the region of Medeshevtzi village - Kormanitza river biggest right tributary of Voinishka River. It inhabits shallow skeleton humus - carbonate soils along steep over 50 degrees riversides. It is characterized with rich species composition. Habitat 91M0 is distributed on the dry riverside terrains of Voinishka River fragmentally and in most cases in combination with 91I0. On the territory of the site and small part out of it are found separate fragments of 9150, distributed on the wettest and rich habitats, deep in the gulleys mainly on the right riverside and in the south part of the site. Thanks to the relatively constant character of the water flow of Voinishka River habitat 3260 has been preserved here, mainly in the northern part of the site. The site combines loess habitats distributed on the high above 100 meters plateaus and dry limestone habitats distributed mainly on the riverside zone of the rivers. Along the valley of Voinishka River and directly on the riverbed there are separate fragments of 91E0 A, 91E0 B, 91F0. Representative for the west part of the Danube plain are habitats 91I0 and 91M0. The site is situated on the middle flow of Voinishka River between the villages of Voinitzi, Chichil, Bukovetz and Medeschevtzi along the flow of Voinishka River and part of the right and biggest tributary Kormanitza River. Habitat 91I0 takes mainly the high plateau like loess plains east of Voinitzi village. It is compact with coppies origin with average age of around 40 years, and with difficult natural renewal. It is used by the local people. On the low riverside parts of the site habitat 91M0 is distributed. Along the river flow 91E0 is fragmentally seen presenting galleries of black alder on small area. 3 fish species included in Annex 2 of the Habitats Directive are found in the river.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	A04		i
L	F02.03		i
M	B02.02		i
M	A10		o
M	K01.03		i
M	A05.01		i
L	E03.01		i
L	B01.02		i
M	B		o
M	J02.12		i
M	I01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
M	A05.01		i
M	B02.02		i
M	A10		o
M	B		o
M	A03		i
M	A04		i
L	F02.03		i

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

4.4 Ownership (optional)

4.5 Documentation

Initial proposal and description of the site made by Ivailo Dimitrov Nikolov, s. Kaletska, obl. Lovech, 147 "Hristo Botev" Str., ivodimnik@abv.bg; Tihomir Stefanov - National Museum of Natural History, 1 Tzar Osvooboditel Blvd., Sofia 1000, tisho@nmnh.bas.bg Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>). Data revised by a team of the Institute for Biodiversity and Ecosystem Research, BAS. New data provided by project "Mapping and assessment of the conservation status of the natural habitats and species - Phase 1" (see link).

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000500&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	100.0				

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

The site is designated to preserve the natural condition of large oak massifs, parts of habitat 91I0 distributed in the west part of the Danube plain immediately next to the Danube lowland as well as relatively well preserved complex of riverside habitats 91H0, 91F0, 91E0, 91S0 distributed on the difficult to reach valley of Voinishka River between the villages of Chichil and Bukovetz. Here are found some of the most complete and compact massifs of 91I0 in the region of West Danube plain.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regional Inspectorate of Environment and Water: Montana
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

☐	Yes
☐	No, but in preparation
☒	No

6.3 Conservation measures (optional)

Forestry Management Unit, Forestry Enterprise Vidin

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

☐ Yes ☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).